

## Index of Authors

with the titles of papers

ACEVEDO, R., DIAZ, G., LETELIER, J. R., and FLINT, C. D.: Vibronic intensities in the electronic spectra of transition-metal complex ions. Part VII. The  $\Gamma_8(^2T_{2g}) \rightarrow \Gamma_8(^4A_{2g})$  electronic transition of the  $ReBr_6^{2-}$  ion in  $Cs_2ZrBr_6$ , 1063

ADYA, A. K., and NEILSON, G. W.: Investigation of the structure of an ammonium nitrate-calcium nitrate eutectic melt using isotopic difference methods in neutron diffraction, 1091

AGUILAR, A., BIANCO, S., BRUNETTI, B., GONZALEZ, M., and VECCHIOCATTIVI, F.: Total cross-section for the ionization of molecules by thermal-energy collision with metastable neon atoms, 897

ALANKO, S., *see* Anttila, R.

ALAVI, A.: Molecular-dynamics simulation of methane adsorbed on MgO: Evidence for Kosterlitz-Thouless transition, 1173

ALDERMAN, D. W., *see* Sethi, N. K.

ALEJANDRE, J., *see* De Lomngi, D. A.

ALLEN, M. P., *see* Telo da Gama, M. M.

ALMARZA, N. G., *see* Alvarez, M.

ALOISI, G., *see* Boudh-Hir, M.-E.

ALVAREZ, M., BERMEJO, F. J., HOWELLS, W. S., ENCISO, E., ALMARZA, N. G., and GARCIA-HERNANDEZ, M.: Pulsed neutron diffraction of liquid n-butane, 865

ANDERSSON, O., and ROSS, R. G.: Thermal conductivity, heat capacity and phase diagram of cyclooctanol in liquid, solid and glassy crystal states under high pressure, 523

ANTTILA, R., ALANKO, S., HORNEMAN, V.-M., and KOIVUSAAR, M.: Ground state constants  $A_0$  and  $D_0^X$  of  $^{13}CH_3I$  from perturbation-allowed transitions, 1433

AYLLÓN, A. G., SANTAMARÍA, J., MILLER, S., and TENNYSON, J.: Calculated spectra for the  $N_2$ -Ar van der Waals complex, 1043

BAIKER, A., *see* Walther, K. L.

BALL, P. C., *see* Smalley, M. V.

BALUCANI, U.: Shear viscosity in monatomic liquids: a simple mode-coupling approach, 123

BARANYAI, A., and EVANS, D. J.: NEMD investigation of the rheology of oblate molecules: shear flow in liquid benzene, 835

BARKER, G. C., *see* Grimson, M. J.

BASILEVSKY, M. V., and CHUDINOV, G. E.: Kinetics of outersphere electron transfer in non-Debye solvents with two characteristic relaxation periods, 461

BELLISSENT-FUNEL, M.-C., BUONTEMPO, U., PETRILLO, C., and RICCI, F. P.: Orientational correlation in liquid CO: neutron-diffraction measurements, 239

BELLISSENT-FUNEL, M.-C., BUONTEMPO, U., PETRILLO, C., and RICCI, F. P.: Structure of liquid chlorine from neutron-diffraction measurements, 253

BELLISSENT-FUNEL, M. C., *see* Powell, D. H.

BERMEJO, F. J., *see* Alvarez, M.

BIANCO, S., *see* Aguilari, A.

BILLY, N., *see* Gouédard, G.

BISHOP, D. M., and CYBULSKI, S. M.: An analysis of the Verdet constant, 667

BLACK, J. F., HASSELBRINK, E., WALDECK, J. R., and ZARE, R. N.: Photofragment orientation as a probe of near-threshold non-adiabatic phenomena in the photodissociation of ICN, 1143

BLÜMICH, B., *see* Günther, E.

BOUBLÍK, T., VEGA, C., LAGO, S., and DÍAZ PEÑA, M.: Quadrupolar hard Gaussian-overlap fluid, 1193

BOUDH-HIR, M.-E., ALOISI, G., and GUIDELLI, R.: Reformulation of the site-site interaction theory for molecular fluids, 945

BRODSKAYA, E. N., and RUSANOV, A. I.: Molecular-dynamics simulation of water clusters with ions, 567

BROUARD, M., MARTINEZ, M. T., and O'MAHONY, J.: Fragment pair correlations in the vibrationally mediated photodissociation of  $\text{H}_2\text{O}_2$ : rotation-vibration coupling in the third OH stretching overtone state, 1021

BROWN, M. F.: Anisotropic nuclear spin relaxation of cholesterol in phospholipid bilayers, 903

BRUNETTI, B., *see* Aguilar, A.

BUCHNER, R., and YARWOOD, J.: Far-infrared studies of molecular dynamics and interactions in N,N-dimethylformamide, 65

BUENKER, R. J., *see* Perić, M.

BUENKER, R. J., *see* Theodorakopoulos, G.

BUONTEMPO, U., *see* Bellissent-Funel, M.-C.

BUSAROW, K. L., *see* Dz-Hung Gwo

CALEF, D. F., *see* Nichols III, A. L.

CANET, D., *see* Elbayed, K.

CARIGNAN, Y. P., *see* Vladimiroff, T.

CARRINGTON, T., JR., *see* McNichols, A.

CARTER, S., HANDY, N. C., ROSMUS, P., and CHAMBAUD, G.: A variational method for the calculation of spin-rovibronic levels of Renner-Teller triatomic molecules, 605

CHALAM, M. K., *see* De Miguel, E.

CHAMBAUD, G., *see* Carter, S.

CHAMPION, J. P., *see* Tyuterev, V. G.

CHAPUISAT, X., *see* Schneider, F.

CHUDINOV, G. E., *see* Basilevsky, M. V.

CHUPKA, W. A., *see* Gauyacq, D.

COHEN, R. C., *see* Dz-Hung Gwo

COLSON, S. D., *see* Gauyacq, D.

CRACKNELL, R. F., NICHOLSON, D., PARSONAGE, N. G., and EVANS, H.: Rotational insertion bias: a novel method for simulating dense phases of structured particles, with particular application to water, 931

CREASEY, J. C., LAMBERT, I. R., TUCKETT, R. P., and HOPKIRK, A.: Vacuum UV spectroscopy and dynamics of  $\text{CHF}_3$ : analysis of emissions and evidence for parent ion emission, 1355

CREASEY, J. C., LAMBERT, I. R., TUCKETT, R. P., and HOPKIRK, A.: Vacuum UV spectroscopy and dynamics of  $\text{CF}_3\text{Cl}$ ,  $\text{CF}_2\text{Cl}_2$  and  $\text{CFCl}_3$ : analysis of emissions and evidence for parent ion emission from  $\text{CF}_3\text{Cl}^+$ , 1367

CYBULSKI, S. M., *see* Bishop, D. M.

DAVIS, H. T., *see* Zixiang Tang

DEJAEGERE, A., *see* Luhmer, M.

DE LEEUW, S. W., *see* Mooij, G. C. A. M.

DELGADO-BARRO, G., *see* Gianturco, F. A.

DE LONNGI, D. A., LONNGI, P. A., and ALEJANDRE, J.: The square-well fluid: its properties and representation. Part I: Compressibility factor, 427

DE MIGUEL, E., RULL, L. F., CHALAM, M. K., and GUBBINS, K. E.: Liquid-vapour coexistence of the Gay-Berne fluid by Gibbs-ensemble simulation, 1223

DENLINGER, M. A., and HALL, C. K.: Molecular-dynamics simulation results for the pressure of hard-chain fluids, 541

DENNINGER, G., *see* Gotschy, B.

DE SANTIS, A., GREGORI, A., and ROCCA, D.: Simulated light-scattering experiments on liquid chlorine, 307

DIÁZ, G., *see* Acevedo, R.

DIÁZ PEÑA, M., *see* Boublik, T.

DICKINSON, A. S., *see* Liu, W.-K.

DI LAURO, C., and LATTANZI, F.: On the possibility of determining ground state K-structure parameters from perturbed vibration-rotation spectra of symmetric-top molecules, 1303

DI LAURO, C., LATTANZI, F., and GRANER, G.: Phase conventions that render all matrix elements of the vibration-rotation Hamiltonian real, 1285

DYKE, J. M., *see* Lee, E. P. F.

DZ-HUNG GWO, HAVENITH, M., BUSAROW, K. L., COHEN, R. C., SCHMUTTENMAER, C. A., and SAYKALLY, R. J.: Tunable far-infrared laser spectroscopy of van der Waals bonds: the  $j_{k_0} = 1_0 \leftarrow 0_0 \Sigma$  bending vibration of  $\text{Ar}-^{14}\text{NH}_3$ , 453

EASTEAL, A. J., *see* Harris, K. R.

ELBAYED, K., and CANET, D.: Behaviour of a coupled two-spin- $\frac{1}{2}$  system in the presence of a spin-locking radio-frequency field. Relaxation and Hartmann-Hahn transfers, 979

ELLIOTT, J. R., JR., and KANETKAR, U. S.: Theory and simulation of chain-molecule fluid structure, 871

ELLIOTT, J. R., JR., KANETKAR, U. S., and VASUDEVAN, V. J.: Attractive-force effects in chain molecular fluids, 883

ENCISO, E., *see* Alvarez, M.

ENO, L.: Configuration dependences for crossed-beam molecular scattering in an intense laser field, 345

EVANS, D. J., *see* Baranyai, A.

EVANS, H., *see* Cracknell, R. F.

EVANS, M. W.: Symmetry of ensemble averages in smectic liquid crystals, 193

EVANS, R., *see* Telo da Gama, M. M.

FISCHER, J., *see* Lotfi, A.

FISCHER, J., *see* Sokolowski, S.

FLINT, C. D., *see* Acevedo, R.

FREY, J. G.: Adiabatic and diabatic representations, coordinate and unitary transformations: coupled oscillators, 659

GALLO, P., MAZZACURATI, V., and RUOCCO, G.: Evaluation of Brillouin scattering intensities from rare gas crystals. II. Introduction of short-range corrections, 97

GARCIA-HERNANDEZ, M., *see* Alvarez, M.

GAYACQ, D., ROCHE, A. L., SEAVER, M., COLSON, S. D., and CHUPKA, W. A.: s and d Rydberg complexes of NO probed by double-resonance multiphoton ionisation in the region  $n^* = 5$  to  $n^* = 25$ ; multichannel quantum defect analysis. Part II, 1311

GIANTURCO, F. A., DELGADO-BARRIO, G., RONCERO, O., and VILLARREAL, P.: Alternative decoupled representations for the dynamics of van der Waals molecules: a test for the He, Ne-O<sub>2</sub> systems, 1405

GIRARD, B., *see* Gouédard, G.

GOLDMAN, S.: Determination of static dielectric constant-temperature-density surfaces of a Stockmayer fluid by perturbation theory, 491

GONZALEZ, D. J., GONZALEZ, L. E., and SILBERT, M.: Binary Yukawa mixtures: comments on the compressibility-energy thermodynamic inconsistency in the mean spherical approximation, 157

GONZALEZ, L. E., *see* Gonzalez, D. J.

GONZALEZ, M., *see* Aguilar, A.

GOTSCHY, B., and DENNINGER, G.: Lineshape analysis of the <sup>13</sup>C Overhauser shift in organic conductors and semiconductors, 169

GOUÉDARD, G., BILLY, N., GIRARD, B., and VIGUÉ, J.: The IF  $B$ - $X$  system. New high resolution L.I.F. spectrum and analysis (erratum), 913

GRANER, G., *see* Di Lauro, C.

GRANT, D. M., *see* Sethi, N. K.

GRAYCE, C. J., and HARRIS, R. A.: Electron-gas theory of the chemical shift, 1

GRAYCE, C. J., and HARRIS, R. A.: Inconsistent kinetic energy functionals of electron gases in the presence of inhomogeneous magnetic fields, 1429

GREGORI, A., *see* De Santis, A.

GRICE, R., *see* Harkin, J. J.

GRIMSON, M. J., and BARKER, G. C.: Model suspension of deformable particles, 635

GUBBINS, K. E., *see* De Miguel, E.

GUIDELLI, R., *see* Boudh-Hir, M.-E.

GULLIDGE, P. N. M., *see* Powell, D. H.

GÜNTHER, E., BLÜMICH, B., and SPIESS, H. W.: Deuteron double-quantum NMR imaging of molecular order and mobility in solid polymers, 477

HALL, C. K., *see* Denlinger, M. A.

HANDY, N. C., *see* Carter, S.

HANH NGOC LAM, *see* Harris, K. R.

HARKIN, J. J., JARVIS, R. D., SMITH, D. J., and GRICE, R.: Reactive scattering of a supersonic fluorine-atom beam:  $F + C_2H_5I, C_3H_7I, (CH_3)_2CHI$ , 323

HARRIS, K. R., HANH NGOC LAM, RAEDT, E., EASTEAL, A. J., PRICE, W. E., and WOOLF, L. A.: The temperature and density dependences of the self-diffusion coefficient and the shear viscosity of liquid trichloromethane, 1205

HARRIS, R. A., *see* Grayce, C. J.

HASSELBRINK, E., *see* Black, J. F.

HAVENITH, M., *see* Dz-Hung Gwo

HEYES, D. M., and POWLES, J. G.: Information theory applied to the transport coefficients of Lennard-Jones fluids, 781

HIROAKI OHYA-NISHIGUCHI, *see* Kouichi Fukui

HOLLENSTEIN, H., PICCIRILLO, S., QUACK, M., and SNELS, M.: High-resolution infrared spectrum and analysis of the  $v_{11}, A_{2u}(B_2)$  fundamental band of  $^{12}C_6H_6$  and  $^{13}C^{12}C_5H_6$ , 759

HOLYST, R., and PONIEWIERSKI, A.: Smectic-A, crystalline and columnar ordering in the system of hard parallel cylinders, 561

HOPKIRK, A., *see* Creasey, J. C.

HORNEMAN, V.-M., *see* Anttila, R.

HOWELS, W. S., *see* Alvarez, M.

IHM, G., and MASON, E. A.: Statistical-mechanical analytical equation of state for fluid mixtures, 109

JANSSEN, G. J. M., *see* Tissen, J. T. W. M.

JARVIS, R. D., *see* Harkin, J. J.

KANETKAR, U. S., *see* Elliott, J. R., Jr.

KOIVUSAAR, M., *see* Anttila, R.

KOK KEAN YIM, *see* Morris, G. P.

KOUCI FUKUI, HIROAKI OHYA-NISHIGUCHI, and NOBORU HIROTA: The relation between zero-field splittings and distortions along the normal coordinates in transition metal complexes, 1269

KUKOLICH, S. G., *see* Young, S. H.

LAGO, S., *see* Boublík, T.

LAMBERT, I. R., *see* Creasey, J. C.

LATTANZI, F., *see* Di Lauro, C.

LEE, E. P. F., DYKE, J. M., WILDERS, A. E., and WATTS, P.: *Ab initio* calculation of relative ion concentrations of protonated water clusters at equilibrium, 207

LETELIER, J. R., *see* Acevedo, R.

LINDER, R., *see* Strand, D.

LIPPENS, G., *see* Prevost, M.

LIU, W.-K., and DICKINSON, A. S.: Multipole cross-sections in polarized laser fluorescence for atom-diatom systems, 1117

LIU, W.-K., DICKINSON, A. S., and McCOURT, F. R. W.: Comparison of quantum and classical calculations of thermal-conductivity cross-sections governing the Senftleben-Beenakker effect for HD-He mixtures, 1131

LONNGI, P. A., *see* De Lonngi, D. A.

LOTFI, A., and FISCHER, J.: Chemical potentials of model and real dense fluid mixtures from perturbation theory and simulations (erratum), 1171

LUHMER, M., DEJAEGERE, A., and REISSE, J.: A comparison between the PISA model and the RAM theory: their abilities to reproduce internal energy as calculated by Monte Carlo simulations, 843

MCCOURT, F. R. W., *see* Liu, W.-K.

MCNICHOLS, A., and CARRINGTON, T., JR.: An adiabatic energy-level expression for anharmonic hydrogen-bonded systems, 1155

MACPHERSON, A. K., *see* Vladimiroff, T.

MACPHERSON, P. A., *see* Vladimiroff, T.

MARTINEZ, M. T., *see* Brouard, M.

MASON, E. A., *see* Ihm, G.

MAZZACURATI, V., *see* Gallo, P.

MEATH, W. J., *see* Sachiko Nakai

MIER-Y-TERAN, L., *see* Zixiang Tang

MILLER, S., *see* Aylton, A. G.

MITSUAKI GINOZA: Simple MSA solution and thermodynamic theory in a hard-sphere Yukawa system, 145

MOOU, G. C. A. M., DE LEEUW, S. W., WILLIAMS, C. P., and SMIT, B.: Free-energy computations for mixtures of Stockmayer and polarizable Lennard-Jones fluids, 909

MORRISS, G. P., and KOK KEAN YIM: The Nosé bond constraint for diatomic molecules, 653

MUNOWITZ, M.: Exact simulation of multiple-quantum dynamics in solid-state NMR: implications for spin counting, 959

MURAD, S., SETHI, D. P. S., and POWLES, J. G.: The pressure second virial coefficient of vibrating symmetric triatomic molecules, 297

MURRELL, J. N., and RODRIGUEZ-RUIZ, J. A.: Potential energy functions for atomic solids. II. Potential functions for diamond-like structures, 823

NEILSON, G. W., *see* Adya, A. K.

NEILSON, G. W., *see* Powell, D. H.

NEZBEDA, I., RAMI REDDY, M., and SMITH, W. R.: Monte Carlo study of hard-body fluids at a hard wall: pure fluids and mixtures of spheres, heteronuclear dumbbells and linear triatomics, 915

NICHOLS III, A. L., and CALEF, D. F.: Structure and thermodynamics of asymmetric molecules: Application to linear triatomic dipolar molecules, 269

NICHOLSON, D., *see* Cracknell, R. F.

NILSSON, L. G., and PADRÓ, J. A.: A time-saving algorithm for generalized Langevin-dynamics simulations with arbitrary memory kernels, 355

NOBORU HIROTA, *see* Kouichi Fukui

NORTHRUP, F. J., and SEARS, T. J.: Renner-Teller, spin-orbit and Fermi-resonance interactions in  $X^2\Pi$  NCS investigated by LIF spectroscopy, 45

O'MAHONY, J., *see* Brouard, M.

PADRÓ, J. A., *see* Nilsson, L. G.

PARSONAGE, N. G., *see* Cracknell, R. F.

PERIĆ, M., BUENKER, R. J., and PEYERIMHOFF, S. D.: *Ab initio* investigation of the vibronic structure of the  $C_2H$  spectrum. II. Calculation of diabatic potential surfaces for the three lowest-lying electronic states in  $C_2H$ , 673

PERIĆ, M., PEYERIMHOFF, S. D., and BUENKER, R. J.: *Ab initio* investigation of the vibronic structure of the  $C_2H$  spectrum. III. Calculation of vibronic energies and transition probabilities in the  $X^2\Sigma^+$ ,  $A^2\Pi$  system, 693

PETRI, M., *see* Simon, U.

PETRILLO, C., *see* Bellissent-Funel, M.-C.

PETSALAKIS, I. D., *see* Theodorakopoulos, G.

PEYERIMHOFF, S. D., *see* Perić, M.

PICCIIRILLO, S., *see* Hollenstein, H.

PIERRE, G., *see* Tyuterev, V. G.

PONIEWIERSKI, A., *see* Holyst, R.

POWELL, D. H., GULLIDGE, P. M. N., NEILSON, G. W., and BELLISSENT-FUNEL, M. C.:  $Zn^{2+}$  hydration and complexation in aqueous electrolyte solutions, 1107

POWLES, J. G., *see* Heyes, D. J.

POWLES, J. G., *see* Murad, S.

PREVOST, M., VAN BELLE, D., LIPPENS, G., and WODAK, S.: Computer simulations of liquid water: treatment of long-range interactions, 587

PRICE, S. L., *see* Wheatley, R. J.

PRICE, W. E., *see* Harris, K. R.

QUACK, M., *see* Hollenstein, H.

RAEDT, E., *see* Harris, K. R.

RAMI REDDY, M., *see* Nezbeda, I.

REISSE, J., *see* Luhmer, M.

RICCI, F. P., *see* Bellissent-Funel, M.-C.

RITTGER, E.: An empirical three-atom potential for xenon, 79

ROCCA, D., *see* De Santis, A.

ROCHE, A. L., *see* Gauyacq, D.

RODRIGUEZ-RUIZ, J. A., *see* Murrell, J. N.

RONCERO, O., *see* Gianturco, F. A.

ROSMUS, P., *see* Carter, S.

ROSS, R. G., *see* Andersson, O.

RULL, L. F., *see* De Miguel, E.

RUOCCO, G., *see* Gallo, P.

RUSANOV, A. I., *see* Brodskaya, E. N.

SACHIKO NAKAI, YAMASHITA, A. B., and MEATH, W. J.: On neighbouring-level effects, and the validity of the rotating-wave approximation, for a quasi-continuum five-level model doorway system, 1333

SANE, R. N.: Monte Carlo simulation of a two-dimensional hexagonal monolayer of point dipoles, 509

SANTAMARÍA, J., *see* Ayllón, A. G.

SAYKALLY, R. J., *see* Dz-Hung Gwo

SCHMIDTKE, H.-H., *see* Strand, D.

SCHMUTTENMAER, C. A., *see* Dz-Hung Gwo

SCHNEIDER, F., ZÜLICKE, L., and CHAPUISAT, X.: A reaction-path description of the  $HO_2$  reactive system, 17

SCRIVEN, L. E., *see* Zixiang Tang

SEARS, T. J., *see* Northrup, F. J.

SEAVER, M., *see* Gauyacq, D.

SETHI, D. P. S., *see* Murad, S.

SETHI, N. K., ALDERMAN, D. W., and GRANT, D. M.: NMR spectra from powdered solids spinning at any angle and speed: simulations and experiments, 217

SILBERT, M., *see* Gonzalez, D. J.

SIMON, U., PETRI, M., ZIMMERMANN, W., and URBAN, W.: Infrared diode-laser spectroscopy of the ground state of  $SnH$  ( $X^2\Pi_{1/2}$ ), 1163

SINHA, J. P., and SINHA, S. K.: Semiclassical statistical mechanics of a  $v$ -dimensional fluid of hard  $v$ -spheres. Part II. Equilibrium properties of a dense hard  $v$ -sphere fluid, 135

SINHA, S. K., *see* Sinha, J. P.

SMALLEY, M. V.: Electrostatic interaction on macro-ionic solutions and gels, 1251

SMALLEY, M. V., and BALL, P. C.: The group theory of trigonal and tetrahedral molecule rotations in trigonal and tetrahedral crystal fields, 1233

SMIT, B., *see* Mooij, G. C. A. M.

SMITH, D. J., *see* Harkin, J. J.

SMITH, W. R., *see* Nezbeda, I.

SNELS, M., *see* Hollenstein, H.

SOKOŁOWSKI, S., and FISCHER, J.: Lennard-Jones mixtures in slit-like pores: a comparison of simulation and density-functional theory, 393

SPIESS, H. W., *see* Günther, E.

STRAND, D., LINDER, R., and SCHMIDTKE, H.-H.: The vibronic structure of mixed-ligand osmium(IV) complexes. Part I. Low-energy levels of  $\text{OsCl}_5\text{X}^{2-}$  and *cis*- $\text{OsCl}_4\text{X}_2^{2-}$  ( $\text{X} = \text{Br}, \text{I}$ ), 1075

TARAZONA, P., *see* Telo da Gama, M. M.

TELO DA GAMA, M. M., TARAZONA, P., ALLEN, M. P., and EVANS, R.: The effect of confinement on the isotropic-nematic transition, 801

TENNYSON, J., *see* Aylton, A. G.

THEODORAKOPOULOS, G., PETSALAKIS, I. D., and BUENKER, R. J.: Theoretical calculations of the Rydberg spectra of  $\text{ArH}$ , 1055

TISSEN, J. T. W. M., and JANSSEN, G. J. M.: Molecular-dynamics simulation of molten alkali carbonates, 413

TUCKETT, R. P., *see* Creasey, J. C.

TYUTEREV, V. G., CHAMPION, J. P., and PIERRE, G.: Reduced effective Hamiltonians for degenerate excited vibrational states of tetrahedral molecules: application to  $2\nu_2$ ,  $\nu_2 + \nu_4$  and  $2\nu_4$  of  $\text{CH}_4$ , 995

URBAN, W., *see* Simon, U.

USENKO, A. S.: Equilibrium distribution functions for plasma-molecular layers, 721

VAN BELLE, D., *see* Prevost, M.

VASUDEVAN, V. J., *see* Elliott, J. R. Jr.

VECHILOCATTIVI, F., *see* Aguilar, A.

VEGA, C., *see* Boublík, T.

VIGUÉ, J., *see* Gouédard, G.

VILLARREAL, P., *see* Gianturco, F. A.

VLADIMIROFF, T., CARIGNAN, Y. P., MACPHERSON, A. K., and MACPHERSON, P. A.: The dynamics of hard spheres in a collapsing spherical container, 441

WALDECK, J. R., *see* Black, J. F.

WALTHER, K. L., WOKAUN, A., and BAIKER, A.: Characterization of porous silica gels prepared via the sol-gel process by  $^{29}\text{Si}$  CP/MAS solid-state NMR spectroscopy, 769

WATTS, P., *see* Lee, E. P. F.

WEISS, S.: Simulation of collision-induced absorption spectra rare-gas gaseous mixtures including ternary effects, 623

WHEATLEY, R. J., and PRICE, S. L.: A systematic intermolecular potential method applied to chlorine, 1381

WHITE, H. S., *see* Zixiang Tang

WILDERS, A. E., *see* Lee, E. P. F.

WILLIAMS, C. P., *see* Mooij, G. C. A. M.

WODAK, S., *see* Prevost, M.

WOKAUN, A., *see* Walther, K. L.

WOOLF, L. A., *see* Harris, K. R.

YAMASHITA, A. B., *see* Sachiko Nakai

YARWOOD, J., *see* Buchner, R.

YOUNG, S. H., and KUKOLICH, S. G.: Molecular hyperfine-structure calculations using an uncoupled representation, 181

ZARE, R. N., *see* Black, J. F.

ZIMMERMANN, W., *see* Simon, U.

ZIXIANG TANG, MIER-Y-TERAN, L., DAVIS, H. T., SCRIVEN, L. E., and WHITE, H. S.: Non-local free-energy density-functional theory applied to the electrical double layer. Part I: Symmetrical electrolytes, 369

ZÜLICKE, L., *see* Schneider, F.

